

Ser. No. 10/522,111
Amdt. dated July 29, 2008
Reply to Office Action dated April 2, 2008

PATENTS
PF020097
Customer No. 24498

Listing and Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1.(currently amended) A method Method of delayed reading of digital video data stored in a file on a recording medium, a fixed quantity of the storage resources of the recording medium being allocated to the file storing these data, wherein said file is a sliding window on the recording medium comprising:

allocating a predetermined quantity of resources to said file intended for delayed reading of data;

writing said data in said file, a write pointer indicating the write position;

reading said data in said file, a read pointer indicating the read position; and

deallocating at the beginning of file, a predetermined quantity of resources depending on the size of the file and on a delay between said read and write pointer.

2.(previously presented) Method according to claim 1, wherein, the data being stored continuously on the recording medium, a reading window is defined for these data such that stored data can be read only during a specified lag following their storage.

3.(previously presented) Method according to claim 1, the resources of the recording medium being managed by a file controller allotting resources by means of cells, wherein a fixed quantity of cells delimited by a start of file cell and by an end of file cell is associated with the file for storing these data.

4-9.(cancelled)

10.(previously presented) Method according to claim 2, the resources of the recording medium being managed by a file controller allotting resources by

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means of cells, wherein a fixed quantity of cells delimited by a start of file cell and by an end of file cell is associated with the file for storing these data.

11.(previously presented) Method according to claim 3, wherein, when the end of file cell is used to store data, the start of file cell is deallocated, a new end of file cell being allocated to this file.

12.(currently amended) Method according to claim ~~[[4]]~~ 3, wherein, when the end of file cell is used to store data, the start of file cell is deallocated, a new end of file cell being allocated to this file.

13.(previously presented) Method according to claim 3, wherein, when the end of file cell is used to store data, the set of the cells that are distant from the end of file cell by a specified quantity of data is deallocated from the file and reallocated as cells consecutively following the end of file cell.

14.(previously presented) Method according to claim 10, wherein, when the end of file cell is used to store data, the set of the cells that are distant from the end of file cell by a specified quantity of data is deallocated from the file and reallocated as cells consecutively following the end of file cell.

15.(previously presented) Method according to claim 3 wherein separate means of writing or of reading data are used.

16.(previously presented) Method according to claim 10 wherein separate means of writing or of reading data are used.

17.(previously presented) Method according to claim 11 wherein separate means of writing or of reading data are used.

18.(previously presented) Method according to claim 12 wherein separate means of writing or of reading data are used.

Ser. No. 10/522,111
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PATENTS
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Customer No. 24498

19.(previously presented) Method according to claim 13 wherein separate means of writing or of reading data are used.

20.(previously presented) Method according to claim 14 wherein separate means of writing or of reading data are used.

21.(previously presented) Method according to claim 15, the means of reading or of writing comprising, respectively, write or read pointers wherein the write pointer precedes the read pointer for every cell of a file.

22.(previously presented) Method according to claim 16, the means of reading or of writing comprising, respectively, write or read pointers wherein the write pointer precedes the read pointer for every cell of a file.

23.(previously presented) Method according to claim 17, the means of reading or of writing comprising, respectively, write or read pointers wherein the write pointer precedes the read pointer for every cell of a file.

24.(previously presented) Method according to claim 20, the means of reading or of writing comprising, respectively, write or read pointers wherein the write pointer precedes the read pointer for every cell of a file.

25.(currently amended) Device for delayed reading of digital video data stored on a recording medium, comprising means for allocating a fixed quantity of the storage resources of the recording medium to the file storing these data, wherein said file is a sliding window on the recording medium,
the said device preferably being adapted to implement a method according to claim 1.

26.(currently amended) A computer readable medium encoded with a computer program, said program for performing ~~Computer program product comprising program code instructions for the execution of the steps of the~~ method of delayed reading of digital video data according to claim 1, ~~when the said program is executed on a computer.~~

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PATENTS
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27.(new) Method according to claim 1, wherein the deallocating at the beginning of file, a predetermined quantity of resources depending on the size of the file and on a delay between said read and write pointer is performed when said write pointer reaches the end of file.

28.(new) Method according to claim 1, wherein the deallocating at the beginning of file, a predetermined quantity of resources depending on the size of the file and on a delay between said read and write pointer is performed before each write access in said file.